

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(361/680,681).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:14
S2	514	(361/679.41).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:19
S3	11793	(361/679.\$).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:19
S4	5191	S3 and (keyboard laptop (portable near2 computer) and ((remov \$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:21
S5	5166	S3 and (keyboard laptop (portable near2 computer) same ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:22
S6	2176	S3 and (laptop (portable near2 computer) and ((remov \$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:23
S8	1922	S3 and (laptop (portable near2 computer) and ((remov \$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:24

S9	28	S3 and ((laptop (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:33
S10	41	S3 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:34
S11	34	("20020163777"   "20040017358"   "20040123001"   "20040145565"   "20050001819"   "20060022943"   "20060023410"   "20060023415"   "20060082553"   "20060087494"   "20060176277"   "5126955"   "5428355"   "5490039"   "5689654"   "5726684"   "5999799"   "6035350"   "6166722"   "6205021"   "6219037"   "6290136"   "6304249"   "6424335"   "6476795"   "6590563"   "6633155"   "6665741"   "6690352"   "6784870"   "6882334"   "6940487"   "6970156"   "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:38
S12	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:43

S13	51	( "5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").FN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 10:43
S14	36	("5126955").URPN.	USPAT	OR	ON	2009/04/02 10:45
S15	17388	(345/156-178).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/02 10:47
S16	121	S15 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:47
S17	113	S16 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/02 10:47

S18	43	("5049863"   "5063289"   "5126955"   "5231381"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5563630"   "5572033"   "5574479"   "5576733"   "5631669"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5731801"   "5754126"   "5764224"   "5771038"   "5781177"   "5781405"   "5790100"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6111563"   "6163326"   "6205021"   "6344846"   "6424335"   "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:15
S19	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:19

S20	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:19
S21	57	("2783109"   "3859930"   "4052944"   "4765583"   "4852498"   "5021771"   "5029260"   "5049863"   "5054736"   "5073050"   "5081936"   "5187644"   "5263423"   "5281958"   "5355811"   "5397189"   "5416498"   "5416730"   "5423227"   "5428355"   "5466078"   "5502460"   "5504500"   "5519569"   "5527116"   "5541593"   "5564844"   "5583744"   "5644338"   "5645277"   "5648772"   "5659307"   "5662422"   "5692815"   "5726683"   "5732910"   "5743666"   "5818690"   "5825612"   "5862933"   "5871094"   "5886686"   "5893540"   "5957595"   "D356558").PN. OR ("6147673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:20
S22	13	("4562347"   "4786892"   "5063289"   "5281958"   "5428368"   "5473344"   "5504500"   "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:21
S23	190	(S22 S21 S20 S19 S18 S14 S13 S12 S11) not (S10 S16)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 11:23

S24	39	("5049863"   "5126955"   "5235328"   "5287246"   "5341421"   "5396400"   "5426564"   "5428355"   "5490039"   "5546310"   "5546334"   "5550561"   "5563630"   "5563631"   "5579496"   "5637018"   "5675360"   "5708562"   "5708840"   "5719799"   "5745345"   "5793355"   "5805118"   "5825614"   "5914706"   "5920306"   "5948047").PN. OR ("6166722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:27
S25	44	("5021771"   "5231380"   "5287246"   "5341154"   "5428355"   "5473347"   "5490039"   "5546334"   "5600580"   "5615083"   "5671833"   "5687058"   "5706167"   "5786806"   "5790100"   "5793355"   "5886686"   "5995025").PN. OR ("6163326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:28
S26	31	("5049863"   "5184314"   "5307297"   "5341167"   "5428663"   "5459489"   "5495358"   "5563630"   "5574804"   "5726684"   "5771441"   "5812085"   "5812115"   "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:29
S27	18	("5019809"   "5049863"   "5075792"   "5095303"   "5323203"   "5347646"   "5383043"   "5414761"   "5541414"   "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:33

S28	40	("5021771"   "5049863"   "5126723"   "5301132"   "5416479"   "5416498"   "5428355"   "5528523"   "5546334"   "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:33
S29	50	("4736191"   "4913387"   "5049863"   "5168427"   "5187468"   "5268675"   "5287245"   "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/02 13:45
S30	11793	(361/679.\$).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 08:35
S31	41	S30 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:35
S32	34	("20020163777"   "20040017358"   "20040123001"   "20040145565"   "20050001819"   "20060022943"   "20060023410"   "20060023415"   "20060082553"   "20060087494"   "20060176277"   "5126955"   "5428355"   "5490039"   "5689654"   "5726684"   "5999799"   "6035350"   "6166722"   "6205021"   "6219037"   "6290136"   "6304249"   "6424335"   "6476795"   "6590563"   "6633155"   "6665741"   "6690352"   "6784870"   "6882334"   "6940487"   "6970156"   "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

S33	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S34	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S35	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 08:35
S36	17388	(345/156-178).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 08:35
S37	121	S36 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 08:35



S38	43	("5049863"   "5063289"   "5126955"   "5231381"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5563630"   "5572033"   "5574479"   "5576733"   "5631669"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5731801"   "5754126"   "5764224"   "5771038"   "5781177"   "5781405"   "5790100"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6111563"   "6163326"   "6205021"   "6344846"   "6424335"   "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S39	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

S40	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S41	57	("2783109"   "3859930"   "4052944"   "4765583"   "4852498"   "5021771"   "5029260"   "5049863"   "5054736"   "5073050"   "5081936"   "5187644"   "5263423"   "5281958"   "5355811"   "5397189"   "5416498"   "5416730"   "5423227"   "5428355"   "5466078"   "5502460"   "5504500"   "5519569"   "5527116"   "5541593"   "5564844"   "5583744"   "5644338"   "5645277"   "5648772"   "5659307"   "5662422"   "5692815"   "5726683"   "5732910"   "5743666"   "5818690"   "5825612"   "5862933"   "5871094"   "5886686"   "5893540"   "5957595"   D356558).PN. OR ("6147673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S42	13	("4562347"   "4786892"   "5063289"   "5281958"   "5428368"   "5473344"   "5504500"   "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S43	190	(S42 S41 S40 S39 S38 S35 S34 S33 S32) not (S31 S37)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

S44	39	( "5049863"   "5126955"   "5235328"   "5287246"   "5341421"   "5396400"   "5426564"   "5428355"   "5490039"   "5546310"   "5546334"   "5550561"   "5563630"   "5563631"   "5579496"   "5637018"   "5675360"   "5708562"   "5708840"   "5719799"   "5745345"   "5793355"   "5805118"   "5825614"   "5914706"   "5920306"   "5948047").PN. OR ("6166722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S45	44	( "5021771"   "5231380"   "5287246"   "5341154"   "5428355"   "5473347"   "5490039"   "5546334"   "5600580"   "5615083"   "5671833"   "5687058"   "5706167"   "5786806"   "5790100"   "5793355"   "5886686"   "5995025").PN. OR ("6163326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S46	31	( "5049863"   "5184314"   "5307297"   "5341167"   "5428663"   "5459489"   "5495358"   "5563630"   "5574804"   "5726684"   "5771441"   "5812085"   "5812115"   "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S47	18	( "5019809"   "5049863"   "5075792"   "5095303"   "5323203"   "5347646"   "5383043"   "5414761"   "5541414"   "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35

S48	40	("5021771"   "5049863"   "5126723"   "5301132"   "5416479"   "5416498"   "5428355"   "5528523"   "5546334"   "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S49	50	("4736191"   "4913387"   "5049863"   "5168427"   "5187468"   "5268675"   "5287245"   "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S50	132	(S44 S45 S46 S47 S48 S49) not (S43 S31 S37)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:35
S51	15	("20040160735"   "5049863"   "5951312"   "6166722"   "6369798"   "6392634"   "6392871"   "6396481"   "6489932"   "6538880"   "6628267"   "6670950"   "6894894"   "7054965"   "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 08:57
S52	20	("5049863"   "5231380"   "5473344"   "5790100"   "5793355"   "5864334"   "5886686"   "5958023"   "6031518").PN. OR ("6369798").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 14:06
S53	21	("5021771"   "5374588"   "5469194"   "5504500"   "5543588"   "5546334"   "5600313"   "5694123"   "5726684"   "5734377"   "D376356"   "D379179"   "D389129").PN. OR ("5982358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:14

S54	15	("20040160735"   "5049863"   "5951312"   "6166722"   "6369798"   "6392634"   "6392871"   "6396481"   "6489932"   "6538880"   "6628267"   "6670950"   "6894894"   "7054965"   "7266774").PNL	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:19
S55	11793	{(361/679.\$).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
S56	41	S55 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21
S57	34	{"20020163777"   "20040017358"   "20040123001"   "20040145565"   "20050001819"   "20060022943"   "20060023410"   "20060023415"   "20060082553"   "20060087494"   "20060176277"   "5126955"   "5428355"   "5490039"   "5689654"   "5726684"   "5999799"   "6035350"   "6166722"   "6205021"   "6219037"   "6290136"   "6304249"   "6424335"   "6476795"   "6590563"   "6633155"   "6665741"   "6690352"   "6784870"   "6882334"   "6940487"   "6970156"   "7050291").PNL	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

S58	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S59	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S60	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 16:21
S61	17388	(345/156-178).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
S62	121	S61 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21

S63	43	("5049863"   "5063289"   "5126955"   "5231381"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5563630"   "5572033"   "5574479"   "5576733"   "5631669"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5731801"   "5754126"   "5764224"   "5771038"   "5781177"   "5781405"   "5790100"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6111563"   "6163326"   "6205021"   "6344846"   "6424335"   "6674424").PN. OR ("7298359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S64	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

S65	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S66	57	("2783109"   "3859930"   "4052944"   "4765583"   "4852498"   "5021771"   "5029260"   "5049863"   "5054736"   "5073050"   "5081936"   "5187644"   "5263423"   "5281958"   "5355811"   "5397189"   "5416498"   "5416730"   "5423227"   "5428355"   "5466078"   "5502460"   "5504500"   "5519569"   "5527116"   "5541593"   "5564844"   "5583744"   "5644338"   "5645277"   "5648772"   "5659307"   "5662422"   "5692815"   "5726683"   "5732910"   "5743666"   "5818690"   "5825612"   "5862933"   "5871094"   "5886686"   "5893540"   "5957595"   "D356558").PN. OR ("6147673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S67	13	("4562347"   "4786892"   "5063289"   "5281958"   "5428368"   "5473344"   "5504500"   "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S68	190	(S67 S66 S65 S64 S63 S60 S59 S58 S67) not (S66 S62)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S69	11793	(361/679.\$).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21



S70	41	S69 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21
S71	34	"20020163777"   "20040017358"   "20040123001"   "20040145565"   "20050001819"   "20060022943"   "20060023410"   "20060023415"   "20060082553"   "20060087494"   "20060176277"   "5126955"   "5428355"   "5490039"   "5689654"   "5726684"   "5999799"   "6035350"   "6166722"   "6205021"   "6219037"   "6290136"   "6304249"   "6424335"   "6476795"   "6590563"   "6633155"   "6665741"   "6690352"   "6784870"   "6882334"   "6940487"   "6970156"   "7050291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S72	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

S73	51	( "5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").FN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S74	36	("5126955").URPN.	USPAT	OR	ON	2009/04/06 16:21
S75	17388	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/06 16:21
S76	121	S75 and ((laptop keyboard (portable near2 computer)) and ((remov\$4 rotat\$4 detach\$4) with (input mouse trackball touchpad touchscreen keypad touch PDA) with (wireless) ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/06 16:21
S77	43	( "5049863"   "5063289"   "5126955"   "5231381"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5563630"   "5572033"   "5574479"   "5576733"   "5631669"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5731801"   "5754126"   "5764224"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

		"5771038"   "5781177"   "5781405"   "5790100"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6111563"   "6163326"   "6205021"   "6344846"   "6424335"   "6674424").PN. OR ("7298359").URPN.				
S78	51	("5049863"   "5063289"   "5126955"   "5231381"   "5252968"   "5307297"   "5327161"   "5416909"   "5428368"   "5457479"   "5459489"   "5481265"   "5490039"   "5546334"   "5557440"   "5563630"   "5572033"   "5574479"   "5576733"   "5648798"   "5659335"   "5669004"   "5669015"   "5707160"   "5726684"   "5754126"   "5764224"   "5771038"   "5854621"   "5914703"   "5943625"   "5952996"   "6107992"   "6163326").PN. OR ("6424335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S79	28	("4754268"   "5231380"   "5428368"   "5546334"   "5654740"   "5726684"   "5793355"   "5793359"   "5877745"   "5886686").PN. OR ("6219037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

S80	57	( "2783109"   "3859930"   "4052944"   "4765583"   "4852498"   "5021771"   "5029260"   "5049863"   "5054736"   "5073050"   "5081936"   "5187644"   "5263423"   "5281958"   "5355811"   "5397189"   "5416498"   "5416730"   "5423227"   "5428355"   "5466078"   "5502460"   "5504500"   "5519569"   "5527116"   "5541593"   "5564844"   "5583744"   "5644338"   "5645277"   "5648772"   "5659307"   "5662422"   "5692815"   "5726683"   "5732910"   "5743666"   "5818690"   "5825612"   "5862933"   "5871094"   "5886686"   "5893540"   "5957595"   "D356558").PN. OR ("6147673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S81	13	( "4562347"   "4786892"   "5063289"   "5281958"   "5428368"   "5473344"   "5504500"   "5726684").PN. OR ("6040820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S82	190	(S81 S80 S79 S78 S77 S74 S73 S72 S71) not (S70 S76)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S83	39	( "5049863"   "5126955"   "5235328"   "5287246"   "5341421"   "5396400"   "5426564"   "5428355"   "5490039"   "5546310"   "5546334"   "5550561"   "5563630"   "5563631"   "5579496"   "5637018"   "5675360"   "5708562"   "5708840"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

		"5719799"   "5745345"   "5793355"   "5805118"   "5825614"   "5914706"   "5920306"   "5948047").PN. OR ("6166722").URPN.				
S84	44	("5021771"   "5231380"   "5287246"   "5341154"   "5428355"   "5473347"   "5490039"   "5546334"   "5600580"   "5615083"   "5671833"   "5687058"   "5706167"   "5786806"   "5790100"   "5793355"   "5886686"   "5995025").PN. OR ("6163326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S85	31	("5049863"   "5184314"   "5307297"   "5341167"   "5428663"   "5459489"   "5495358"   "5563630"   "5574804"   "5726684"   "5771441"   "5812085"   "5812115"   "5880745").PN. OR ("6035350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S86	18	("5019809"   "5049863"   "5075792"   "5095303"   "5323203"   "5347646"   "5383043"   "5414761"   "5541414"   "5563631").PN. OR ("5914703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S87	40	("5021771"   "5049863"   "5126723"   "5301132"   "5416479"   "5416498"   "5428355"   "5528523"   "5546334"   "5594617").PN. OR ("5886686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21

S88	50	("4736191"   "4913387"   "5049863"   "5168427"   "5187468"   "5268675"   "5287245"   "5355357").PN. OR ("5546334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S89	132	(S83 S84 S85 S86 S87 S88) not (S82 S70 S76)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S90	15	("20040160735"   "5049863"   "5951312"   "6166722"   "6369798"   "6392634"   "6392871"   "6396481"   "6489932"   "6538880"   "6628267"   "6670950"   "6894894"   "7054965"   "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S91	32	(S52 S53 S54 S90) not (S56 S62 S68 S70 S76 S82 S89)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/06 16:21
S92	1	("6166722").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 15:27
S93	11795	(361/679.\$).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 15:31
S94	36	("5126955").URPN.	USPAT	OR	ON	2009/04/07 15:31
S95	1392	(S93 S94) and ((back rear bottom) with (compartment coupling bay dock))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 15:31
S96	17399	(345/156-178).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/07 15:32
S97	1771	(S93 S96) and ((back rear bottom) with (compartment coupling bay dock))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 15:32
S98	366	(S93 S96) and ((back rear bottom) with (compartment coupling bay dock) with (input module PDA mouse touchscreen trackball keypad point\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 15:33

S99	15	("20040160735"   "5049863"   "5951312"   "6166722"   "6369798"   "6392634"   "6392871"   "6396481"   "6489932"   "6538880"   "6628267"   "6670950"   "6894894"   "7054965"   "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/08 10:30
S100	1	("5914703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/08 14:02
S101	1	("7486279").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/05 10:24
S102	15	("20040160735"   "5049863"   "5951312"   "6166722"   "6369798"   "6392634"   "6392871"   "6396481"   "6489932"   "6538880"   "6628267"   "6670950"   "6894894"   "7054965"   "7266774").PN. OR ("7486279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/05 10:24
S103	11216	((input (cursor near2 control\$4)) with ( (rear back) near2 (surface face edge panel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/05 11:22
S104	23466	(( (345/156-184) or (178/18.\$,19.\$)).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/05 11:24
S105	500	S104 and S103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/05 11:25
S109	585	(multi adj2 user) and (multi adj2 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 10:57
S110	451	S109 and (login log-in access identification ID)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 10:57

S111	116	S110 and ("input device")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 10:58
S112	103909	("345").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/22 10:59
S113	21	S112 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 10:59
S114	322519	((user operator) near2 (identification ID access login) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:01
S115	6146	S114 and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:02
S116	3	S115 and (portable adj input adj device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:02
S117	19798	S114 and (user adj2 access adj2 information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:04
S118	6161	S117 and (multi multiple plurality) adj2 (user operator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:05
S119	2305	S118 and portable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:05
S120	659	"user authentication" and ( (portable mobile) near2 input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:07
S121	10	"10284417"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:15



S122	4	"identification key fob"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:20
S123	46	(US-20080273297-\$ or US-20040051694-\$ or US-20080123285-\$ or US-20050002158-\$ or US-20030021083-\$ or US-20030021082-\$ or US-20040145565-\$ or US-20050035950-\$ or US-20040196265-\$ or US-20010033267-\$ or US-20040160735-\$ or US-20040239631-\$ or US-20030234768-\$ or US-20030184528-\$ or US-20020118175-\$ or US-20050177750-\$ or US-20090287921-\$ or US-20060109263-\$). did. or (US-6219037-\$ or US-5726684-\$ or US- 5546334-\$ or US- 7486279-\$ or US- 6369798-\$ or US- 6107990-\$ or US- 5469194-\$ or US- 6538880-\$ or US- 6392634-\$ or US- 6654234-\$ or US- 6424335-\$ or US- 7298359-\$ or US- 6091404-\$ or US- 6040820-\$ or US- 6665741-\$ or US- 6658271-\$ or US- 6205021-\$ or US- 6166722-\$ or US- 5914703-\$ or US- 5886686-\$ or US- 5231380-\$ or US- 7068499-\$ or US- 6788285-\$ or US- 6697251-\$ or US- 5982358-\$ or US- 5187468-\$).did. or (US- 7054965-\$ or US- 5049863-\$).did.	US-PGPUB; USPAT	OR	ON	2010/09/22 11:36

S124	13	S123 and (authentication ((user operator input) near3 (access identification)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 11:37
S125	1	("5726684").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/27 11:19
S126	2	"20040263484"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 11:24

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S106	88	(345/157,163).CCLS.	UPAD	OR	OFF	2010/08/06 10:37
S107	2	S106 and (input mouse trackball touch\$5) with (disengaged removed orientation).clm.	USPAT; UPAD	OR	ON	2010/08/06 10:45
S108	9	S106 and (rear reverse opposite).clm.	USPAT; UPAD	OR	ON	2010/08/06 10:46

9/ 28/ 2010 11:30:33 AM

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